
तकनिकी दस्तावेज के सरलीकृत प्रस्तुति

(खरीदा बाहर भागों के लिए आदेश चित्र तैयार करने के लिए गाइड)

(पहला पुनरीक्षण)

Simplified Presentation of Technical Documents

(GUIDE FOR PREPARATION OF ORDER DRAWINGS
FOR BOUGHT-OUT PARTS)

(*First Revision*)

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भारतीय मानक ब्यूरो

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FOREWORD

This Indian Standard (First Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Drawing Sectional Committee and approval by the Production and General Engineering Division Council (PGDC).

This standard was first published in 1988. This revision has been taken up to incorporate feedback gained through experience and other developments taken at international level in this field.

In the preparation of this standard assistance has been derived from DIN 30-5:2002 'Simplified Drawing — Part 5 Foreign Part drawings, direction for preparing' issued by the Deutsches Institut Für Normung (DIN).

The use of foreign part drawings offers the following advantages depending upon the type of organizations:

- a) Explicit definition of non-standard commercial objects. In the event of insufficient clarity of supplier documents, any additions can be made to the foreign part drawing.
- b) Independent *vis-à-vis* the document of the supplier.
- c) Uniformity in documents for article numbering and repeat parts.
- d) Uniformity in documents, rendering shorter text in the purchaser order, since only the drawing name and drawing number need to be specified.
- e) Uniform and sufficient inspection documents for good inscript.
- f) Repeat part numbering may be at the discretion of the company/orgnizations.

Indian Standard

SIMPLIFIED PRESENTATION OF TECHNICAL DOCUMENTS

(GUIDE FOR PREPARATION OF ORDER DRAWINGS FOR BOUGHT—OUT PARTS)

(*First Revision*)

1 SCOPE

This standard lays down the representation of foreign part drawings. This specifies the documentation of non-standard commercial objects for purchase purposes, which are mentioned in the documents of the supplier and are furnished with a manufacturer or supplier identification. These specifications are meant to ensure the supply of these parts in the required quality and with the required functions, in addition to achieving independence of later modifications performed to the documents of the supplier.

2 REFERENCE

The standards given below contain provisions which, through reference in this text, constitute provisions of this standard. At the time of publication, the edition indicated was valid. The standard is subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below:

<i>IS No.</i>	<i>Title</i>
IS 8930 (Part 1) : 1995	Technical product documentation — vocabulary Part 1 Terms relating to technical drawings: General and types of drawings

3 TERMS

For the purpose of this standard definitions as given in IS 8930 (Part 1) shall apply.

4 DIRECTIONS FOR PREPARING

4.1 Foreign part drawings shall contain unique information suitable for ordering the objects and required for the assembly and inspection (*see* Fig. 1 to 3)

4.2 Extracts from the documentation of the supplier, e.g. drawings, tables (*see* fig. 1 and 2) and test (*see* fig. 3) may, at times be incorporated in the representation of foreign part drawings. In the process, care shall be taken to ensure the compatibility and restorability of these extracts in the

documentation process (data migration, software exchange).

4.3 Where applicable, information by the customer (e.g. order number) shall be added to the tables extracted from the documents of the supplier (*see* tables in fig. 1 and 2). Where required, the article code of the manufacturer may also be added to the table

4.4 If necessary, manufacturer/supplier data as well as the title of the object shall be specified next to the title block or in appropriate supplementary fields (e.g. for citing of source for the content of the drawing). If a fixed supplier is specified for technical reasons, then the following shall be added: e.g. : “*Supplier only.....*”

4.5 As far as possible, the name shall be derived from the commercial name of the objects and shall be specified in the title block.

4.6 Details not specified in the foreign part drawing shall be regarded as customary in the trade and are indirectly specified in or above the title block with relevant information (*see* footnote “a” in Fig. 1)

4.7 As a rule, foreign part drawings are not meant for own production, which is why this should be indicated at an appropriate information on the drawing plane, e.g. by the marking: “Foreign part drawing, manufacturer”

4.8 The proprietor (company or the manufacturer) of industrial property rights shall be specified in the foreign part drawings (*see* Fig. 1)

5 MODIFICATIONS IN THE INFORMATION PROVIDED IN THE DRAWING

5.1 The information of the purchaser on the foreign part drawing takes precedence over the generally valid information provided by the manufacturer. This is in particular applicable in the event of modifications in the documents of the supplier.

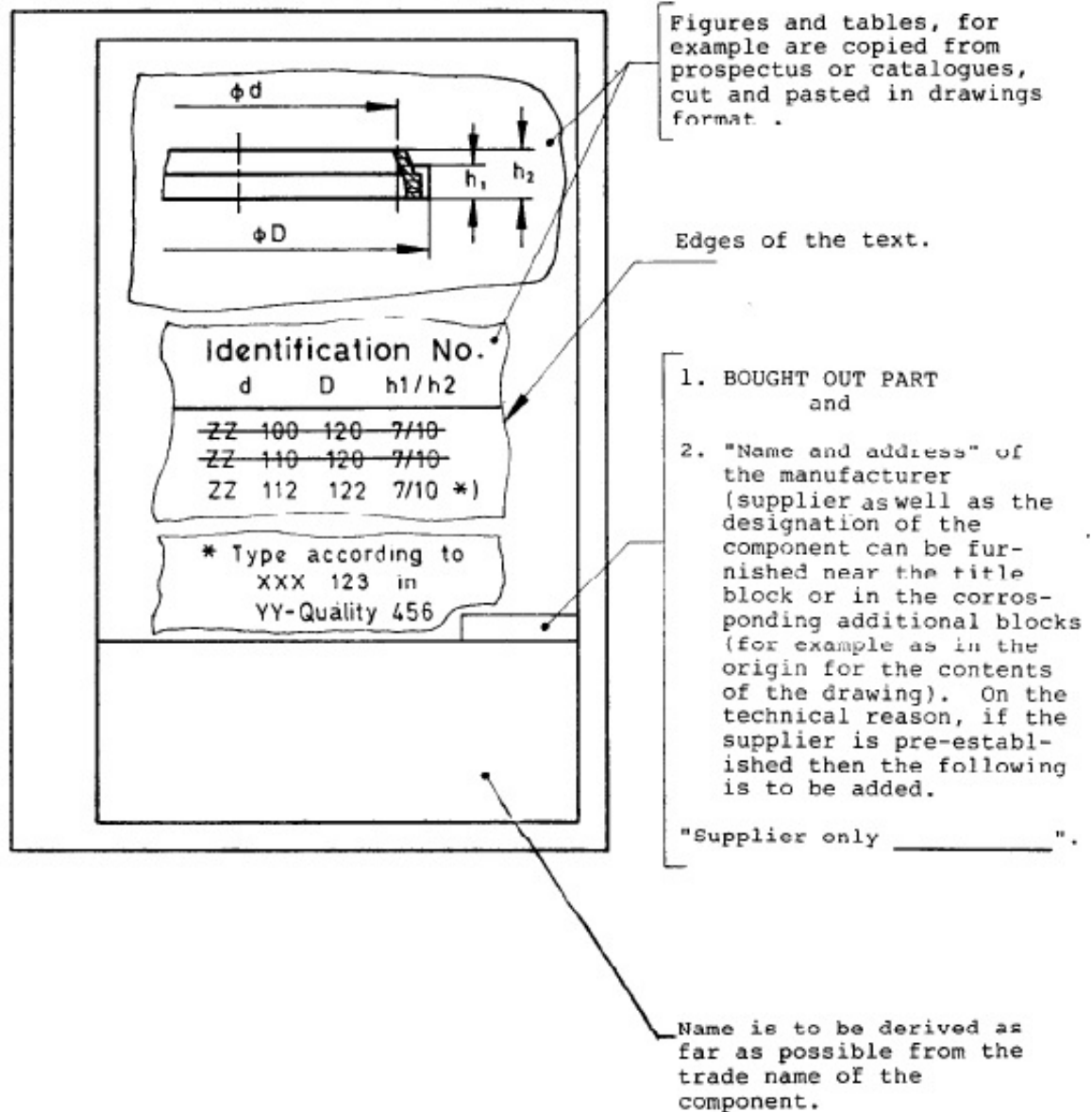
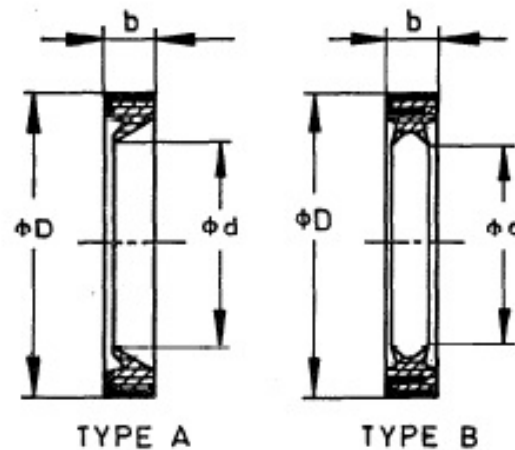


FIG. 1 ORDER DRAWING, INDIVIDUAL PART DRAWING (EXAMPLE)



Designation for Type A	Mass g	Designation For Type B	Mass g	d mm	D mm	b mm	Identification Number *	
							A	B
A21x29x4	2.18	B21x29x4	2.08	21	29	4		
A22x28x4	1.79	B22x28x4	1.91	22	28	4	XXX 1	YZ 12
A22x30x4	2.19	B22x30x4	2.30	22	30	4		
A24x32x4	2.45	B24x32x4	2.42	24	32	4		
A25x32x4	2.34	B25x32x4	2.22	25	32	4	XXX 2	
A25x33x4	2.48	B25x33x4	2.58	25	33	4	XXX 4	YZ 13
A25x35x4	2.62			25	35	4		
A26x34x4	2.64	B26x34x4	2.55	26	34	4		
A28x35x4	2.43	B28x35x4	2.49	28	35	4		
A28x37x4	3.08	B28x37x4	2.77	28	37	4	XXX 5	
		B29x37x4	2.74	29	37	4		
A29x38x4	3.24	B29x38x4	2.88	29	38	4		
A30x37x4	2.65	B30x37x4	2.61	30	37	4	XXX 3	YZ 14
A30x40x4	3.56	B30x40x4	3.27	30	40	4	XXX 7	
A32x42x4	3.69	B32x42x4	3.38	32	42	4	XXX 6	
A32x45x4	5.1			32	45	4		

* The above Table taken out from the documents of the manufacturer(supplier), is to be filled up as given in each case with the data of the purchaser (for example, purchaser's material No.). Under special circumstances, the material No. of the manufacturer can also be additionally included in the Table.

FIG. 2 ORDER DRAWING, VARIANT DRAWING (EXAMPLE)

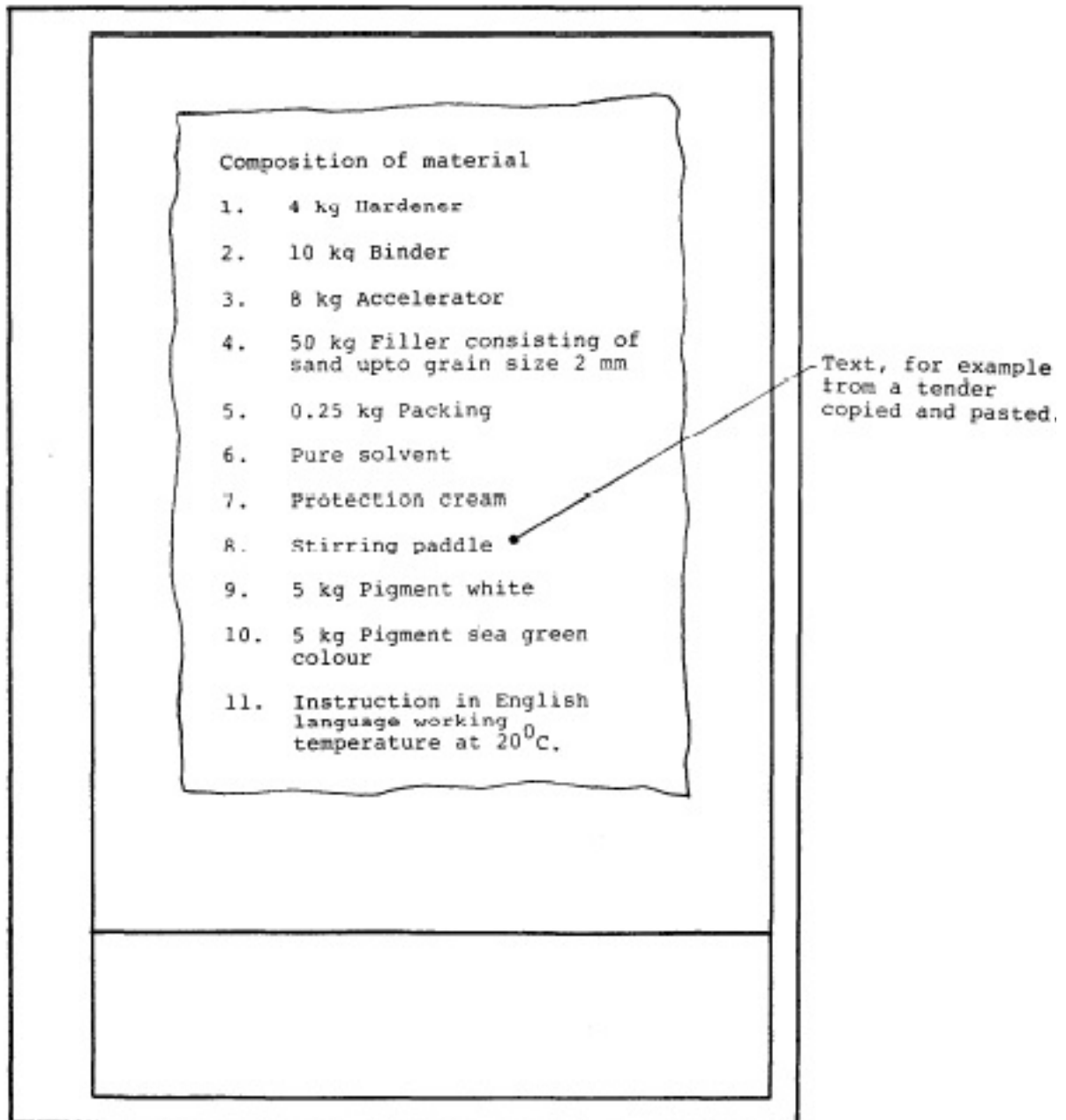


FIG. 3 ORDER DRAWING, DESCRIBING TEST ONLY (EXAMPLE)

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Amendments Issued Since Publication

Amend No.	Date of Issue	Text Affected

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